## PATENT COOPERATION TREA

# **PCT**

### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER	see Form PCT/ISA/220
RACT50203	ACTION	as well as, where applicable, item 5 below.
International application No.	International filing date (day/month/	year) (Earliest) Priority Date (day/month/year)
PCT/US2004/007263	08/03/2004	04/09/2003
Applicant		
MCDANIEL, C. Steven		
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Searc	hing Authority and is transmitted to the applicant
This International Search Report consists	of a total of 4 shee	ets.
	a copy of each prior art document cit	
Basis of the report     a. With regard to the language, the language in which it was filed, unl	international search was carried out c ess otherwise indicated under this ite	on the basis of the international application in the m.
The international this Authority (Rui		f a translation of the international application furnished to
b. With regard to any nucleo	otide and/or amino acid sequence o	disclosed in the international application, see Box No. I.
2. Certain claims were fou	nd unsearchable (See Box II).	
3. Unity of invention is lack	king (see Box III).	
4. With regard to the title,		
X the text is approved as su	bmitted by the applicant.	
the text has been establis	hed by this Authority to read as follow	rs:
5. With regard to the abstract,		
X the text is approved as su	, ,,	o Authority on it appears in Boy No. IV. The applicant
the text has been establis may, within one month fro	m the date of mailing of this internation	s Authority as it appears in Box No. IV. The applicant onal search report, submit comments to this Authority.
6. With regards to the <b>drawings</b> ,		
a. the figure of the <b>drawings</b> to be p	ublished with the abstract is Figure N	0
as suggested by t		
as selected by thi	s Authority, because the applicant fail	led to suggest a figure.
as selected by thi	s Authority, because this figure better	characterizes the invention.
b. none of the figures is to be	e published with the abstract.	

A. CLASSIFICATION OF SUBJEC MATTER IPC 7 C09D5/16 A01N63/00

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C09D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
х	DATABASE WPI Section Ch, Week 199343 Derwent Publications Ltd., London, GB; Class A82, AN 1993-339917 XP002303824 & JP 05 247378 A (KOBAYASHI T) 24 September 1993 (1993-09-24)	1-4,6-9, 12,15, 16,20, 27, 29-62, 66, 105-107, 111-131, 135-146, 148,149, 155, 167-172, 265-291, 304-308
	-/	

X Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.
<ul> <li>Special categories of cited documents:</li> <li>"A" document defining the general state of the art which is not considered to be of particular relevance</li> <li>"E" earlier document but published on or after the international filing date</li> <li>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> <li>"O" document referring to an oral disclosure, use, exhibition or other means</li> <li>"P" document published prior to the international filing date but later than the priority date claimed</li> </ul>	<ul> <li>'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>'&amp;' document member of the same patent family</li> </ul>
Date of the actual completion of the international search  4 November 2004	Date of mailing of the international search report $16/11/2004$
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer

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C.(Continu	ation) DOCUMENTS C SIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE WPI Section Ch, Week 199008 Derwent Publications Ltd., London, GB; Class A82, AN 1990-052031 XP002303825 & CN 1 031 387 A (QINGDAO UNIV) 1 March 1989 (1989-03-01) abstract	1,6,7,9, 12,15, 16, 265-275
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